

**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, DC 20554**

In the Matter of )  
 )  
Revision of the Commission’s Rules ) CC Docket No. 94-102  
to Ensure Compatibility with Enhanced )  
E911 Emergency Calling Systems )  
 )

To: The Commission

**Carrier Report of Leaco Cellular, Inc. Regarding  
Implementation of Wireless E911 Phase II Automatic Location Identification**

Leaco Cellular, Inc. (“Leaco”), by its attorneys, hereby submits a report regarding implementation of wireless E911 Phase II Automatic Location Identification (“ALI”), in compliance with the Federal Communications Commission’s (“FCC” or “Commission”) Further Memorandum Opinion and Order in the above-captioned proceeding.

**I. Background / Contact Information**

Leaco serves rural New Mexico and its contact information is as follows:

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Executive Vice President and General Manager

Leaco Cellular, Inc. (TRS # 805635)  
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Lovington, NM 88260  
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**II. E911 Phase II Location Technology Information**

Leaco has yet to choose a solution for its Phase II ALI technology. However, Leaco is leaning toward a handset solution. While Leaco remains undecided at this point due to its concern about general handset availability, it is leaning heavily toward handsets if a product becomes available and is proven to work within the time frame necessary for

Leaco to achieve Phase II implementation in compliance with the Commission's rules.<sup>1</sup> Whichever technology Leaco selects, it intends to deploy it throughout its service area.

### **III. Testing and Verification**

Leaco has yet to test any ALI solutions since it is still examining available products. In addition, Leaco has not been able to test any handsets since none are available and Leaco has yet to be given a date when ALI-capable handsets will be available. Leaco anticipates using a combination of Empirical Testing Methods and Predictive Testing Methods to gauge the accuracy of the technology it eventually chooses.

### **IV. Implementation Details and Schedule**

While Leaco is awaiting product availability from handset vendors, it has developed a tentative implementation schedule to meet the FCC's handset-based rules and, if necessary, network-based rules. Leaco will make its technology choice by the first quarter of 2001. If Leaco chooses a handset solution, it will begin selling ALI-capable handsets on October 1, 2001 as the FCC's rules require. Leaco will continue to evaluate network-based ALI solutions and, if it chooses a network solution, intends to select and deploy a technology after the first quarter of 2001, once it has made its choice. Leaco will accelerate this schedule to the extent necessary upon receipt of a PSAP request.

### **V. PSAP Interface**

Leaco has yet to receive a Phase II PSAP request. Leaco expects significant software and hardware changes in order to transmit Phase II data to PSAPs.<sup>2</sup> However, the majority of the transmission details remain up to the PSAP.

### **VI. Handset Information**

If Leaco decides to pursue a handset-based solution, it will run promotions in order to replace existing handsets. The price of the new ALI-capable handsets, unavailable at this time, will affect Leaco's replacement strategy.

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<sup>1</sup> Leaco has been researching many different Phase II vendors and their potential product offerings. These companies include Snap Track, SCC Communications, Technocom Corporation, GTE Telecommunications Services, Cell-Loc, True Position, US Wireless, and SigmaOne Communications Corporation.

<sup>2</sup> In general, the following hardware and software is needed to transmit Phase II data to PSAPs: IS41C – Dialed Number Trigger, E911 Software, MPC – Mobile Positioning Center, PDE – Position Determining Entity, and receivers at each cell site.

## **VII. Other Information**

Leaco notes that the remote and rural nature of its service territory in New Mexico can present additional and unforeseen problems when installing and testing location technology. Leaco would have a much better handle on how it will eventually implement its Phase II plan if the vendor products were available for testing. Unfortunately, Leaco's Phase II implementation plan depends, in large part, upon the schedules and plans of the vendors.

November 9, 2000